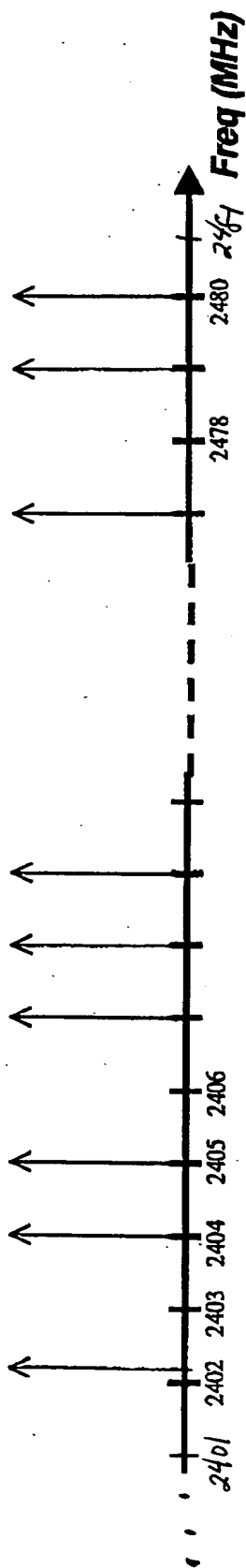
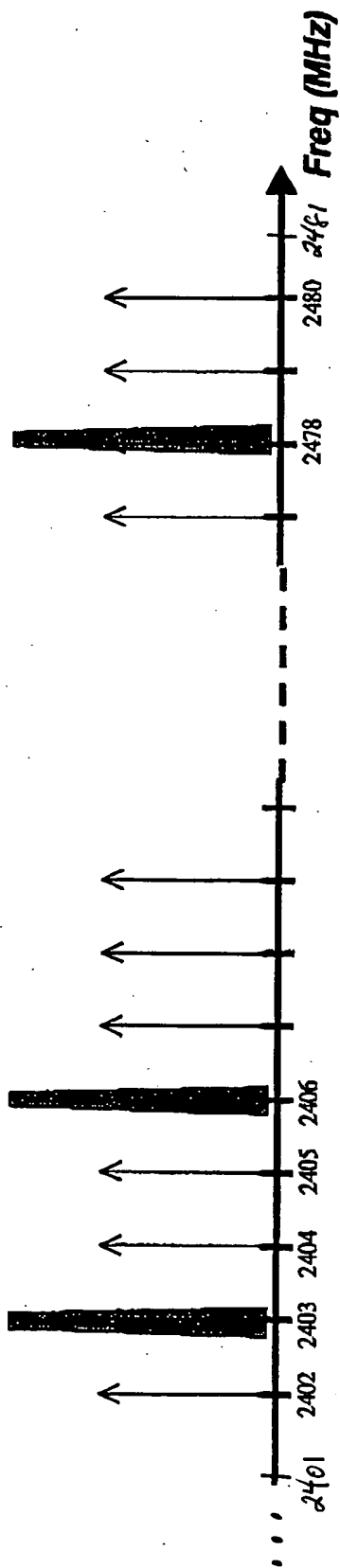


FIGURE 1



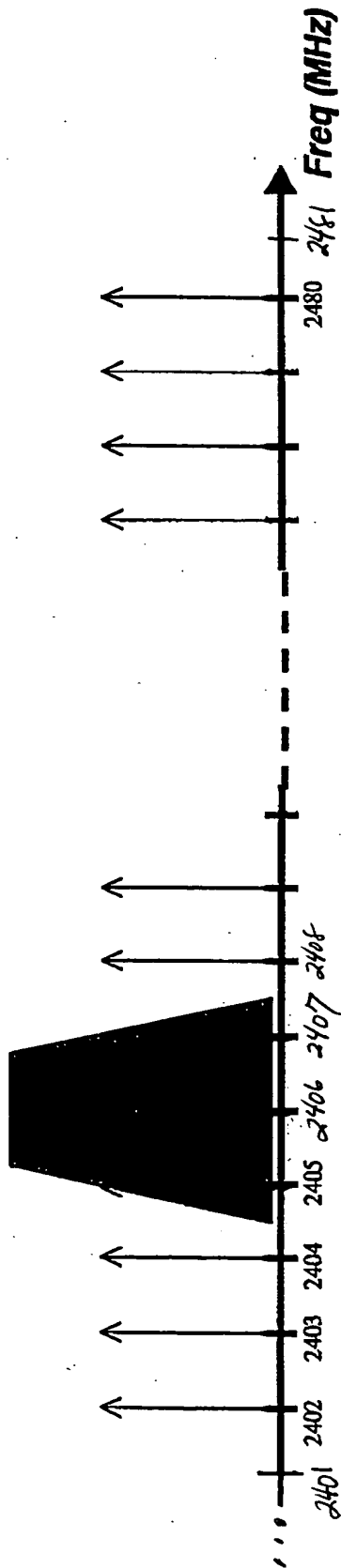


FIG. 3(a)

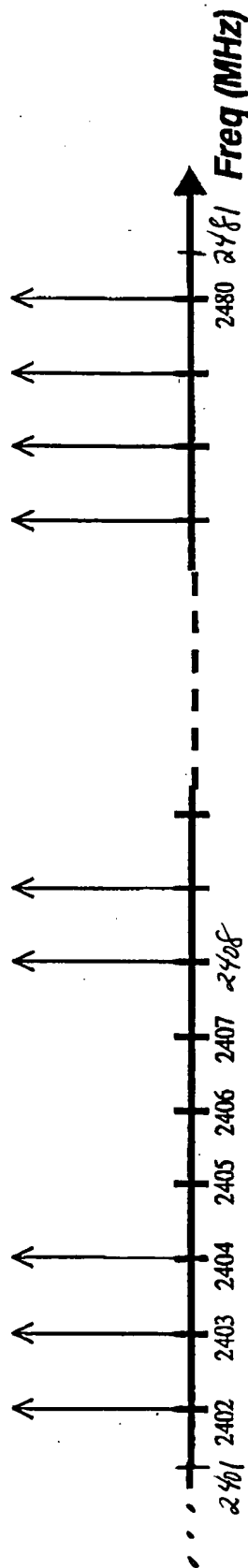


FIG. 3(b)

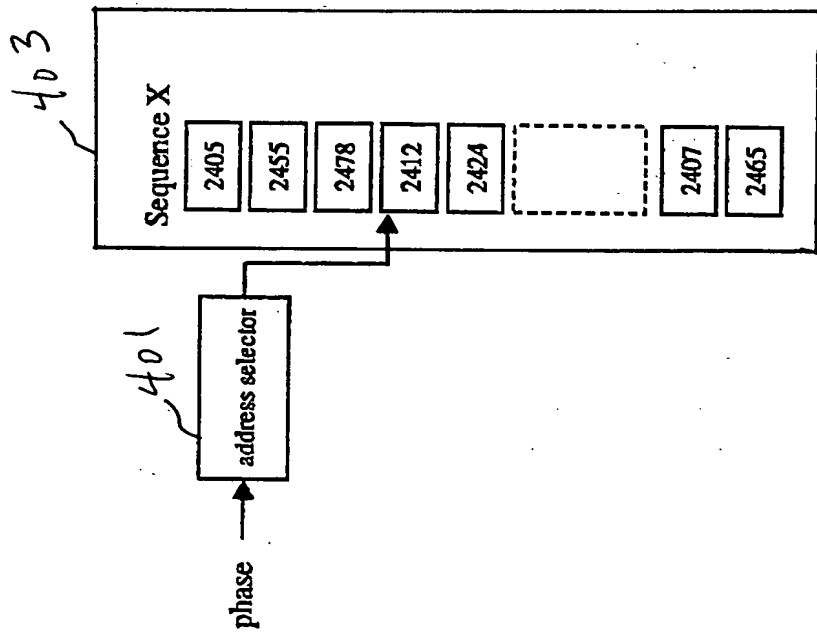


FIG. 4(a)
(PRIOR ART)

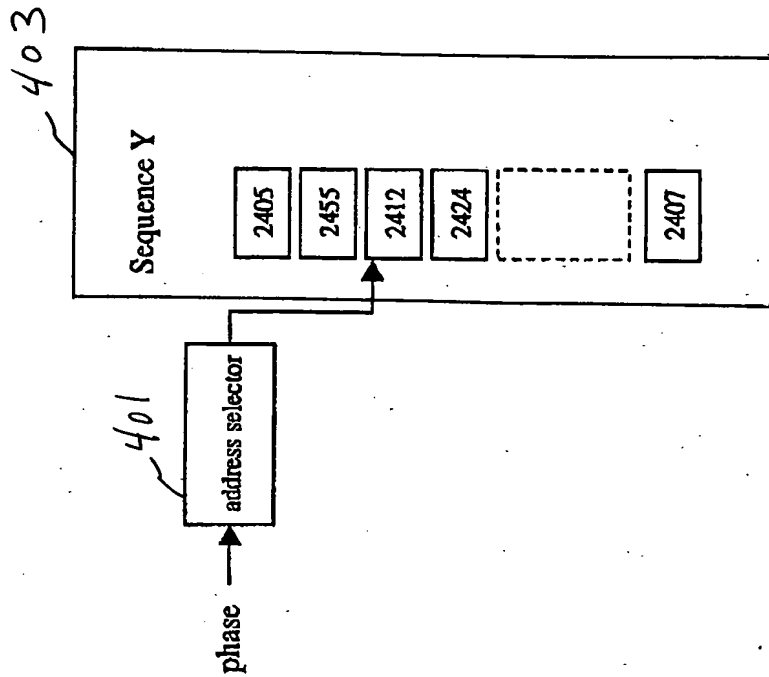


FIG. 4(b)
(PRIOR ART)

500 →

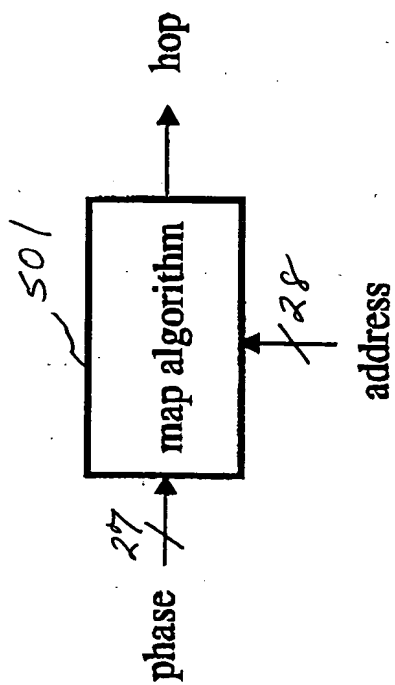


FIGURE 5

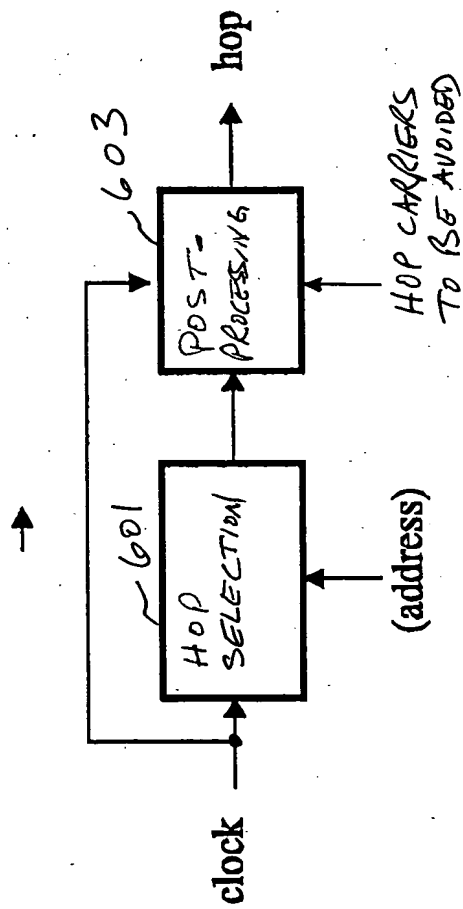


FIG. 6

$\frac{1}{\sqrt{2}} \begin{pmatrix} 1 & i \\ 0 & 1 \end{pmatrix}$

701 →

PHASE: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

HC 1	HC 2	HC 5	HC 6	HC 8	HC 9	HC 10	HC 11	HC 12	HC 13	HC 14	HC 15	HC 16	...	HC	N1
------	------	------	------	------	------	-------	-------	-------	-------	-------	-------	-------	-----	----	----

Fig. 7

108

HC	1
HC	2
HC	5
HC	6
HC	8
HC	9
HC	10
HC	11
HC	12
HC	13
HC	14
HC	15
HC	16
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HC	18
HC	19
HC	20
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HC	89
HC	90
HC	91
HC	92
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HC	95
HC	96
HC	97
HC	98
HC	99
HC	100

INDEX: 1 2 3 4 5 6 7 8 9 10 11 12 ... N2

FIG. 8

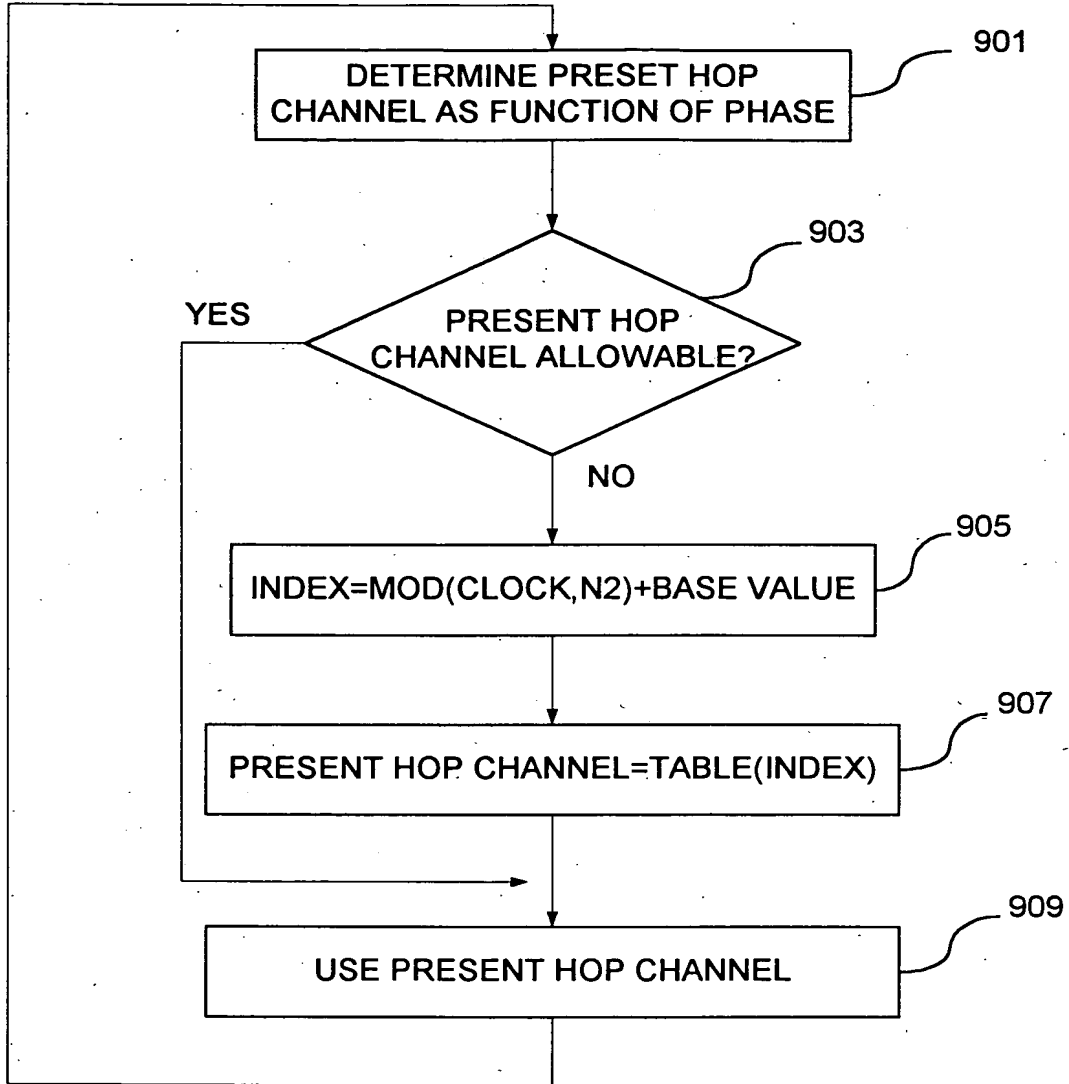


FIG. 9

1001

1003

1005

INDEX	HOP CHANNEL	FORBIDDEN INDICATOR
1	HC 1	0
2	HC 2	0
3	HC 3	1
4	HC 4	1
5	HC 5	0
6	HC 6	0
7	HC 7	1
8	HC 8	0
9	HC 9	0
.	.	.
.	.	.
.	.	.
N1	HC N1	0

FIG. 10

FIG. 11

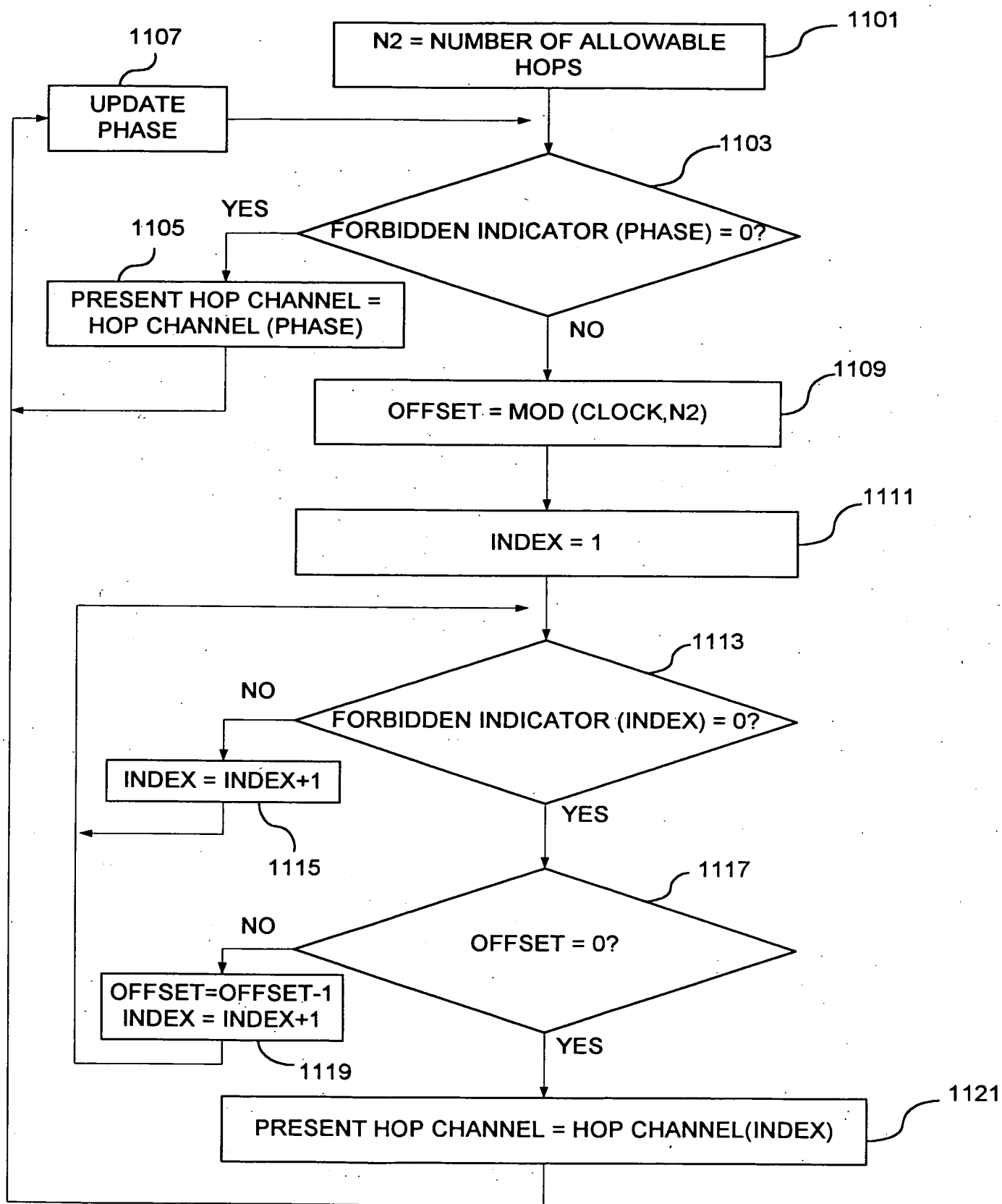


FIG. 11

1201

1003

1005

1203

INDEX	HOP CHANNEL	FORBIDDEN INDICATOR	GAP COUNT
1	HC 1	0	0
2	HC 2	0	0
3	HC 3	1	1
4	HC 4	1	2
5	HC 5	0	2
6	HC 6	0	2
7	HC 7	1	3
8	HC 8	0	3
9	HC 9	0	3
.	.	.	.
.	.	.	.
.	.	.	.
N1	HC N1	0	3

FIG. 12

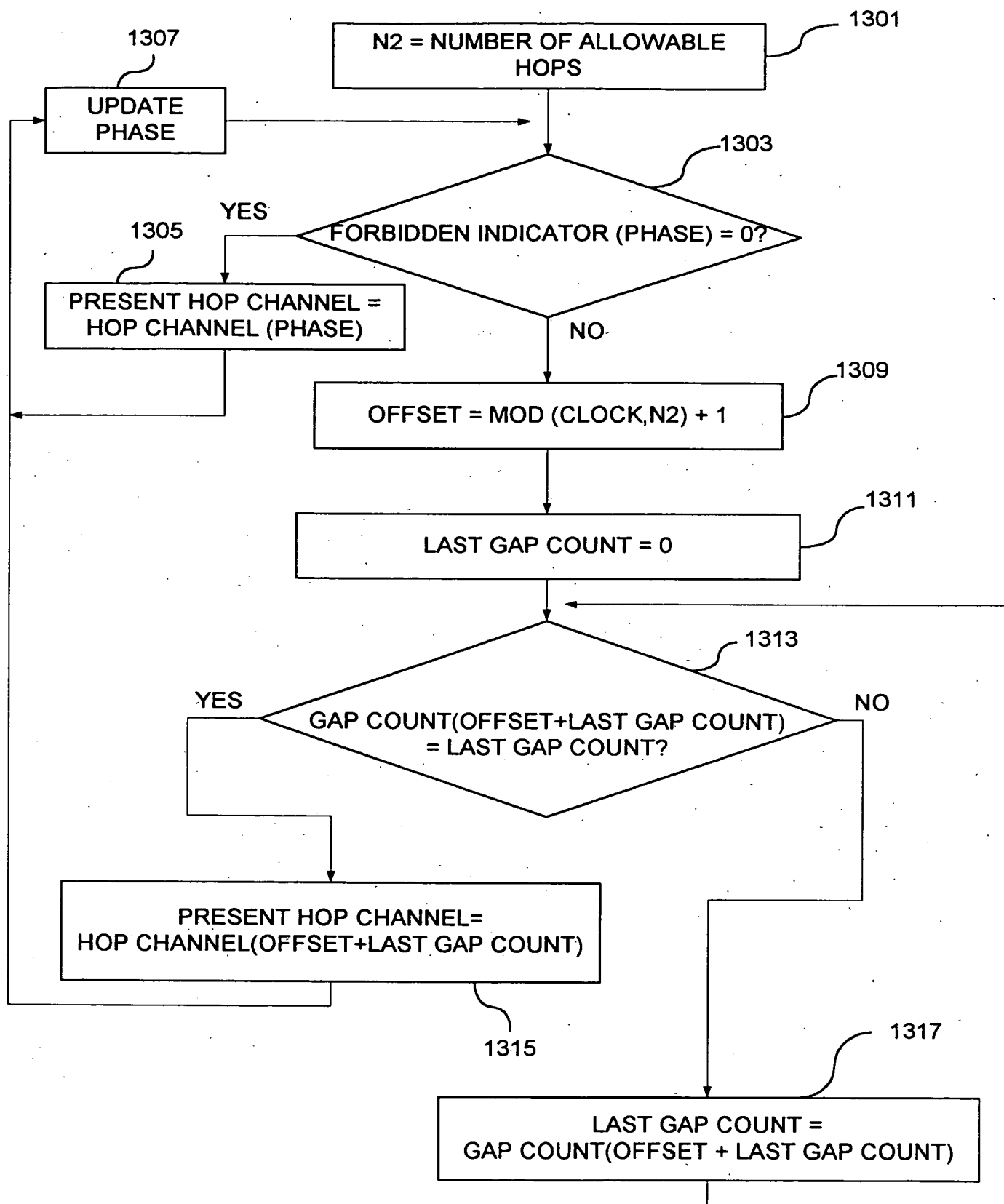


FIG. 13

